

TURSKA-KUŚMIERZ, E.
SKWARSKI, T.

2828

(3) 2/1/66
541.24 : 677.474 5.3

Turska-Kuśmierz E., Skwarski T. Method of Determining the Molecular Weight of Terylene.

Metoda oznaczania ciężaru cząsteczkowego terylenu (Terylen).
Włk. (No. 3) Warszawa, 1953, PWE, 14 pp., 13 figs., 12 tabs.

The viscosometric method was found to be the most suitable for this purpose and it was therefore worked out in detail. Considerable use was made of the work of H. Staudinger and W. Kuhn, who have defined the correlation between intrinsic viscosity of the solution and molecular weight of linear polymers by the formula: $[\eta] = K_m/M^2$.

The formula of $[\eta] = \frac{\eta_{sp}}{c}$ advanced by Schultz and Blasch-

ke, and subsequently substantiated by Huggins, formed the basis for determining intrinsic viscosity. Pure phenol at a temperature of 50°C was used as solvent for terylene. The initial stage was to determine, on the basis of the Huggins formula, the constant K' ; K' was found to be equal to 0.66. The next stage was to fractionate the terylene. The molecular weights of the lower fractions were determined by the cryoscopic method, and the intrinsic viscosity of solutions thereof was found. The values of the constant K and α were fixed by comparing these data. The value of the constant K for the phenol-terylene solution at a temperature of 50°C was found to be $5.517 \cdot 10^{-4}$, and $\alpha = 0.709$.

Polish Technical Abst.
No. 1 1954
Chemistry and Chemical Technology

TURASKA-KUSMIERZ E.

Chem 3

Polish Technical Abst. 2437
No. 4, 1953
Chemistry and Chemical
Technology

541.127:541.64:677.475.972
Turaska-Kusmierz E. Research over the Kinetics of
Hydrolytic Polymerisation of Caprolactam.
Badan'a nad kinetyka hydrolytycznej polimeryzacji
kaprolaktamu. (Prace Gl. Inst. Włok. No. 5), Warszawa,
1952, 18 pp.

The order of the reaction investigated was, on the basis of trial polycondensation, fixed at I, and it was proved that of the two successive reactions, i.e., hydrolysis of caprolactam and polycondensation of ϵ -amino-caproic acid, the former being the slower, determines the order and rate of reaction. Records were made of the constant rate of hydrolytic polymerisation at various temperatures, and it was ascertained that the temperature correlation is in agreement with Arrhenius law. It was on this basis that the energy of activation of hydrolytic polymerisation was computed. The results obtained made it possible to deduce theoretical and technological inferences.

MF 4-20-54

"APPROVED FOR RELEASE: 04/03/2001

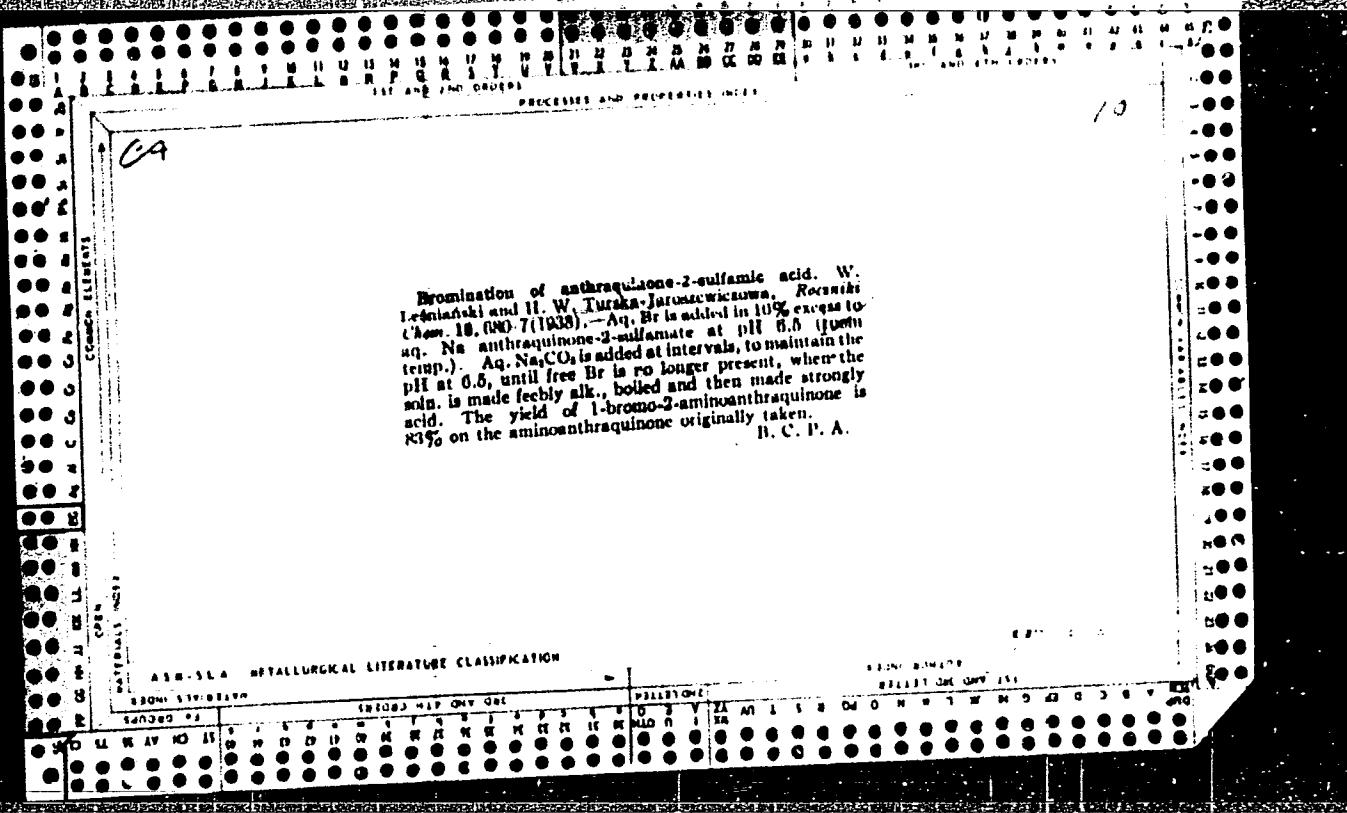
CIA-RDP86-00513R001757610012-1

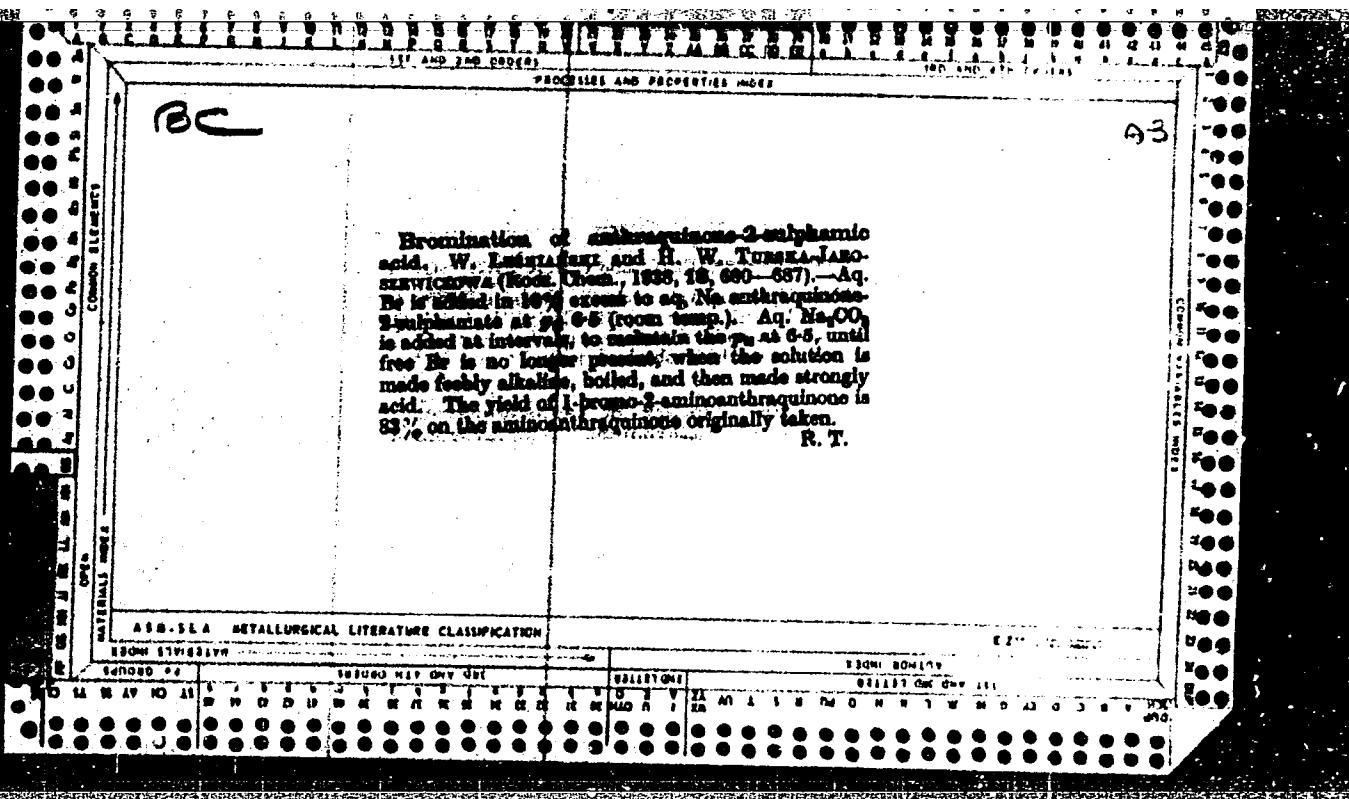
TURSKA, W.

K. CYBULSKI, Roczniki Chem, 14, 1172-81(1934)

APPROVED FOR RELEASE: 04/03/2001

CIA-RDP86-00513R001757610012-1"





Card
TURSKAYA, L. A.: Master Med Sci (diss) -- "The significance of cleaning in protecting the soil of the city of Omsk from contamination and the effect of it on the health of the population". Omsk, 1958. 20 pp (Omsk State Med Inst im M. I. Kalinin), 200 copies (KL, No 6, 1959, 146)

TURSKAYA, L.A.
TURSKAYA, L.A., assistant

Control of a town sanitary condition by objective methods. Gig. i
san. 23 no.1:67-69 Ja '58.
(MIRA 11:2)

1. Iz kafedry kommunal'noy gigiyeny Omskogo meditsinskogo instituta
(SEWAGE
use as fertilizer, sanitary tests)
(FERTILIZERS
use of sewage, sanitary tests)

"APPROVED FOR RELEASE: 04/03/2001

CIA-RDP86-00513R001757610012-1

APPROVED FOR RELEASE: 04/03/2001

CIA-RDP86-00513R001757610012-1"

TURSKI, A.

TURSKI, A. Calculation of losses in smooth walls of corcular wave guides on the basis of Maxwell's equations. p. 567.

Vol. 5, no. 3, 1956
ARCHIWUM ELEKTROTECHNIKI
TECHNOLOGY
Warszawa, Poland

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R001757610012-1"

So: East European Accession, Vol. 6, no. 2, Feb. 1957

KACPRZYNSKI, Bogdan; TURSKI, Andrzej

Trapezoidal wave form amplitude modulation as used for
short-wave radio transmitters. Przegl telekom 35 [i.e. 36]
no. 8:241-243 Ag '63.

"APPROVED FOR RELEASE: 04/03/2001

CIA-RDP86-00513R001757610012-1

APPROVED FOR RELEASE: 04/03/2001

CIA-RDP86-00513R001757610012-1"

MIRECKI, Tadeusz; ZBORSKI, Bogusz; TURSKI, Andrzej

POLAND

Dept. of Semiconductor Technology, Institute of Physics, Polish
Academy of Sciences (Zaklad Technologii Polprzewodnikow Instytutu
Fizyki PAN) (for all)

Warsaw, Prace nad elektroniki, No 7, July 1966, pp 324-328

"Pure boron nitride preparation."

TURSKI, B.

Automobile lights: their positioning and control, Pt. 2, p. 63.

MOTORZACJA, (Ministerstwo Transportu Drogowego i Lotniczego),
Warszawa, Poland
Vol. 14, No. 3, Mar 1959

Monthly List of East European Accessions Index (EEAI), LC, Vol. 8, No. 11,
November 1959
Uncl

TURSKI, SACERPTA MEDICA Sec.9 Vol.11/8 Surgery Aug 1957

4190. TURSKI C. and HORNOWSKI S. Odd. Chir. Inst., Gruźlicy, Warszawa.
Postępowanie lecznicze po wycięciu tkanki płucnej. Post-operative
management after pulmonary resection POL. PRZEGL. CHIR.
1956, 28/10 (1021-1030)
The most frequent complications are: haemothorax, shock, atelectasis, s.c. em-
physema, pleural effusion, broncho-pleural fistulae and cardiac disturbances.

EXCERPTA MEDICA Sec.6 Vol.10/10 Internal Medicine Oct56

3158. TURSKI C. Choroba torbielowata pluc. Cystic disease of the lung
GRUZLICA 1956, 24, 2 (119-127) Tables 1 Illus. 8

Two forms of pulmonary cysts are discerned: (1) Cysts originating from the bronchi - these are congenital cysts. (2) Cysts originating from alveoli - these are acquired cysts. Since the cysts are lined with epithelium, the surgical removal of the whole cysts is the only efficient treatment; collapse therapy does not bring about the closure of cavities. Eight cases of pulmonary cysts are reported; all were treated surgically. In two cases of infected cysts, there occurred postoperative complications; in one case empyema, and in the other case bronchopleural fistula with empyema. All patients were discharged from hospital as completely cured.

(XV, 6)

SITKOWSKI, Wacław; TURSKI, Czesław; MICHALOWSKI, Jacek

Instrumental commissurotomy in mitral stenosis. Polski przegl.
chir. 32 no.12:1183-1186 '60.

1, Z Oddziału Chirurgicznego Instytutu Gruźlicy Ordynator: prof.
dr L. Manteuffel Dyrektor Inst. Gruźlicy: prof. dr W. Jaroszewicz.

(MITRAL STENOSIS surg)

TURSKI, Czeslaw; ZGLICZYNKI, Stefan; KAMINSKI, Zdzislaw

Myxoma of the right auricle. Signs of right valvular stenosis and insufficiency. (Report of an operated case). Polski tygod.lek. 15 no.35:1356-1362 29 Ag '60.

1. Z Oddzialu Chorob Wewnetrznych; kierownik: prof. dr med. Walenty Hartwig, z Oddzialu Chirurgicznego; kierownik; prof. dr med. Leon Manteuffel i z Zakladu Anatomii Patologicznej; kierownik: prof. dr med. Stefania Chodkowska, Instytutu Gruzlicy w Warszawie; dyrektor Instytutu: prof. dr med. Wiwa Jaroszewicz
(HEART neoplasms)
(MYXOMA case reports)

TURSKI, Czeslaw; MICHALOWSKI, Jacek

Surgical treatment of pulmonary stenosis. Pol. pr:egl. chir.
36 no.12:1411-1414 D '64

l. Z Kliniki Chirurgicznej Instytutu Gruzdicy w Warszawie
(Kierownik: prof. dr. L. Manteuffel).

TURSKI, Czeslaw; SITKOWSKI, Waclaw, Jr.; MICHALOWSKI, Jacek

Longitudinal section of the sternum and vascular cannulation technic
in open heart surgery. Polski przegl. chir. 34 no.3:227-233 '62.

l. Z Oddzialu Chirurgicznego Instytutu Gruzdicy Kierownik: prof.
dr. L. Manteuffel.
(HEART SURGERY) (STERNUM surg)

TURSKI, C.; SITKOWSKI, W.; jr.; MICHALOWSKI, J.

Recurrence of mitral stenosis. Kardiol. pol. 6 no.2:77-79 '63.

l. Z Oddzialu Chirurgicznego Instytutu Gruzdicy w Warszawie
Kierownik: prof. dr L. Manteuffel.
(MITRAL STENOSIS) (HEART SURGERY)

TURSKI, Czeslaw; SITKOWSKI, Wacław, jr.; MICHALOWSKI, Jacek

Air spaces following pneumonectomy. Their causes and preventive methods. Gruzlica 31 no.12:1223-1230 D'63.

1. Z Oddzialu Chirurgicznego Instytutu Gruzlicy (kierownik: prof.dr med. L.Manteuffel) i z Sanatorium Przeciwgruzliczego w Rudce (dyrektor: dr med. Z.Sladkowski.)

*

CHODKOWSKA, Stefania; PAULICKA, Lilia; TURSKI, Kazimierz
Intrapulmonary sequestration. Pol. przegl. chir. 36 no. 9 s 106.
1074 S '64

1. Z Zakladu Patologii Instytutu Gruzdicy (Kierownika prof. dr. S. Chodkowska); z Zakladu Radiologii Instytutu Gruzdicy (Kierownik: prof. dr. I. Osowska) i z Oddzialu Chirurgicznego Instytutu Gruzdicy (Kierownika prof. dr. I. Manteuffel).

SITKOWSKI, Maclaw; TURSKI, Czeslaw; MICHALOWSKI, Jacek

Attempted characterization of anatomical changes in the mitral valve. Poslki tygod.lek. 15 no.30:1140-1142 25 Jl '60.

1. Z Oddzialu Chirurgicznego Instytutu Gruzdicy w Warszawie;
ordinator: prof. dr med. L.Manteuffel; dyrektor Instytutu
Gruzdicy: prof. dr med. W.Jaroszewicz
(MITRAL STENOSIS pathol)

TURSKI, Czeslaw: HORNOWSKI, Sergiusz

Therapeutic procedure following excision of pulmonary tissue.
Polski przegl. chir. 28 no.10:1021-1030 Oct 56.

I. Z Oddzialu Chirurgicznego Instytutu Gruziicy, Kierownik:
prof. dr. L. Manteuffel. Dyrektor: prof. dr. J. Misiewicz
Adres autor: Warszawa 36, ul. Stepinska 11-7.
(LUNGS, surgery.
postop. care (Pol))

TURSKI, Czeslaw

Cystic disease of the lungs. Gruzlica 24 n.2:119-127 Feb 56.

1. Z Oddzialu Chirurgicznego Instytutu Gruzlicy. Ordynator:
prof. dr. L. Manteuffel, Dyrektor: prof. dr. J. Misiewicz,
Warszawa, Plocka 26.

(LUNGS, cysts
surg.
(CYSTS
lungs, surg.

MANTEUFFEL-SZOEGE, Leon; NOWICKI, Jan; MICHALOWSKI, Jacek; GRUNDMAN, Jerzy;
TURSKI, Czeslaw; PACOCHA, Wieslaw; SITKOWSKI, Waclaw; SZAGINSKI,
Walerian

Observations on hemodynamics in moderate and deep hypothermia.
Polski przegl. chir. 33 no.11:1273-1283 '61.

1. Z Oddzialu Chirurgicznego Instytutu Gruzdlicy w Warszawie Kierownik:
prof. dr L.Manteuffel.
(BLOOD PRESSURE) (HYPOTHERMIA INDUCED)

SITKOWSKI, Waclaw; TURSKI, Czeslaw

Significance of simultaneous pulmonary resection and thoracoplasty
in the treatment of pulmonary tuberculosis. Postepy hig. med. dosw.
no.2:184-186 '60.

1. Z Oddzialu Chirurgicznego Instytutu Gruzlicy w Warszawie Dyrektor:
prof. dr Janina Misiewicz Ordynator: prof. dr Leon Manteuffel.

(PNEUMONECTOMY) (THORACOPLASTY)

NOWICKI, Jan; JUSTYNA, Mieczyslaw; MICHALOWSKI, Jacek; SITKOWSKI, Waclaw, jr.,
SERAFIN, Roman; SZAGINSKI, Walerian; PACOCHA, Wieslaw; TURSKI,
Czeslaw; MANTEUFFEL-SZOEGE, Leon

Clinical use of Grafoord-Senning's apparatus for extra-corporeal
circulation. Polski przegl. chir. 33 no. 7/9:1040-1043 '61.

1. Z Oddzialu Chirurgicznego Instytutu Gruzlicy w Warszawie
Kierownik: prof. dr L. Manteuffel-Szoeg.
(HEART MECHANICAL)

TURSKI, Czeslaw; SITKOWSKI, Wacław; Jr.; MICHALOWSKI, Jacek

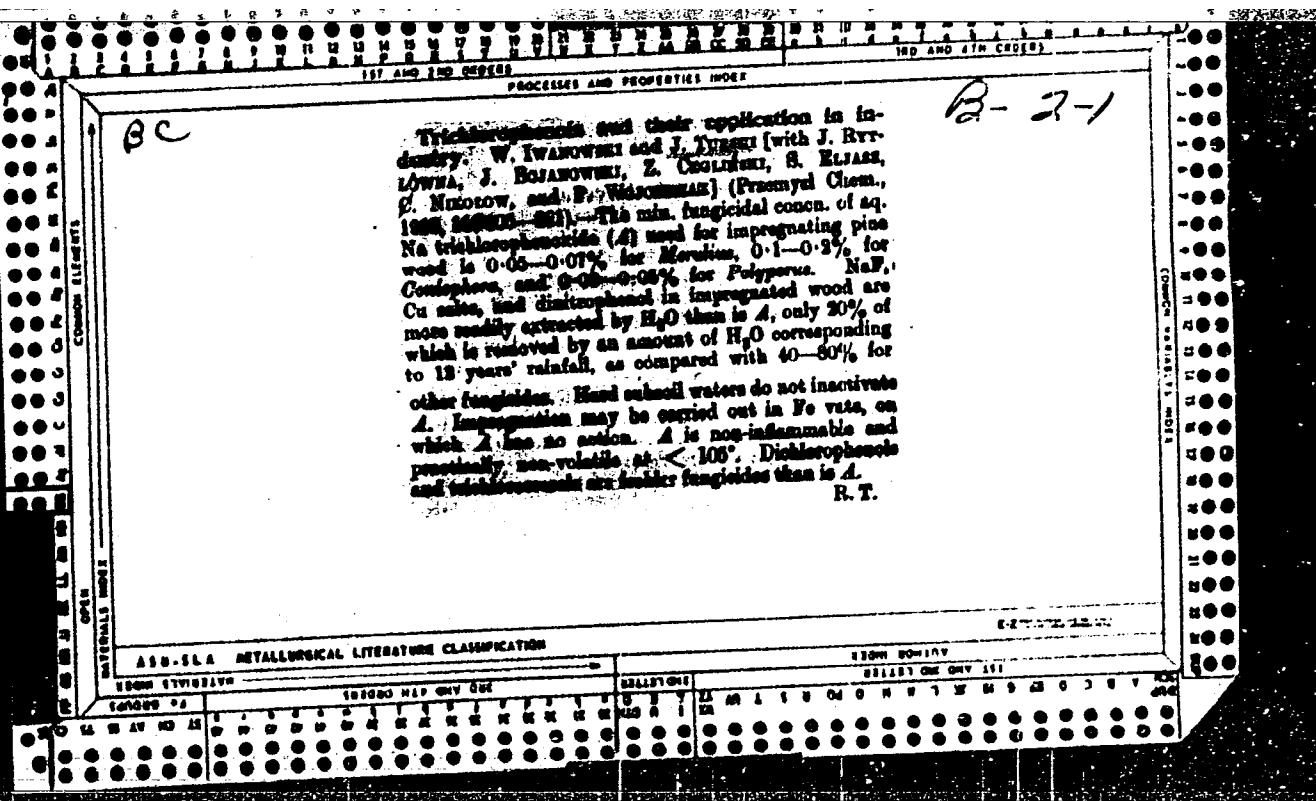
Bronchopleural fistula as a complication of pulmonary resection:
its causes and prevention. Gruzlica 28 no.8:661-664 Ag '60.

1. Z Oddziału Chirurgicznego Instytutu Gruźlicy Kierownik:
prof. dr med. L. Manteuffel i z Sanatorium Przeciwgruzliczego w
Rudce Dyrektor: dr msd. Z. Śladkowski
(BRONCHIAL FISTULA etiol.)
(PNEUMONECTOMY compl.)

TURSKI, Czeslaw; MICHALOWSKI, Jacek

Surgical treatment of traumatic aneurysm and arteriovenous fistula. Polski przegl. chir. 35 no.2:127-131 '63.

l. Z Oddzialu Chirurgicznego Instytutu Gruzdicy Kierownik:
prof. dr L. Manteuffel.
(ANEURYSM) (FISTULA, ARTERIOVENOUS)
(VASCULAR SURGERY) (WOUNDS AND INJURIES)



OK 20

Trichlorophenols and their application in industry. W. IWANOWSKI, J. TURSKI, J. RYCIŁOWNA, J. BOJANOWSKI, Z. CZECHAKI, S. RĘŻAK, C. NIKOTOW AND P. WOJCIECHOWSKI. *Promyl Chem.* 16, 205-21 (1972). The min. fungicidal concn. of an Na trichlorophenoxy (A) used for impregnating pine wood is 0.06-0.07%, for *Merrim*, 0.1-0.2% for *Confidaphera*, and 0.03-0.08% for *Polyporus*. NaP, Cu salt, and dinitro phenol in impregnated wood are more readily extd. by H₂O than is A, only 20% of which is removed by an amt. of H₂O corresponding to 12 yrs.' rainfall, as compared with 40-80% for other fungicides. Hard subsoil waters do not inactivate A. Impregnation may be carried out in Fe vats, on which A has no action. A is noninflammable and practically nonvolatile at <105°. Dichlorophenols and trichloroethenols are feebler fungicides than is A.

TURSKI, J.; (and others)

Dyeing and finishing black and grey suede cuff' lather by means of
domestic dyes. Sinteticki Lep. . . . 1.

POLISH LANGUAGE vol. 10, no. 12, Dec. 1951

Poland

so. POLISH LANGUAGE vol. 9, no. 10 Oct. 1951

ILAI FI, d.

"Tasks of the League of Soldiers Front", . . 1, (ILAI FI), Vol. 1, No. 1, August 1953, Warsaw, Poland)

36; Monthly List of East European Accisions (ILAI), M., Vol. 1, No. 1, March 1953, Uncl.

"APPROVED FOR RELEASE: 04/03/2001

CIA-RDP86-00513R001757610012-1

APPROVED FOR RELEASE: 04/03/2001

CIA-RDP86-00513R001757610012-1"

TURSKI, J.

The International Glider Contest in Leszno is an expression of friendship and peace. p. 386. (SKRZYDLATA POLSKA, Vol. 10, No. 25, June 1954, Warszawa, Poland)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 3, No. 12, Dec. 1954, Uncl.

TURSKI, J.

"Before the League of Soldiers Friends Week." P. 627. (SKRZYDŁATA POLSKA,
Vol. 10, No. 40, Oct. 1954, Warszawa, Poland)

SO; Monthly List of East European Accessions, (EEAL), LC, Vol. 4,
No. 1, Jan. 1955 Uncl.

TURSKI, J.

After the Contest in Leszno; a speech at the final meeting of the International Glider Contest on June 28, 1954, in the Orbis Hotel in Warsaw. p. 435.
(SKRZYDLATA POLSKA, Vol. 10, No. 28, July 1954, Warszawa, Poland)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 3, No. 12, Dec. 1954, Unclassified.

TURSKI, J.

On the decennial of the fatherland. p. 450. (SKRZYDLATA POLSKA, Vol. 10,
No. 29, July 1954, Warszawa, Poland)

SO: Monthly List of East European Accessions, (EEAL), IC, Vol. 3, No. 12, Dec.
1954, Uncl.

TURSKI, J.

TURSKI, J.

Aviation sports facing new tasks, p. 3. (SKRZYDŁA POLSKA, Warszawa, Vol. 11, no. 1, Jan. 1955.)

SO: Monthly List of East European Accessions, (EEAL), LG, Vol. 4, No. 4, Jun. 1955,
Uncl.

10
10
The preparation of 2,5-dihydroxy-3,4,5,6-tetrahydropyrimidine. J.-S. Turski and P. Kazimierczak. Roczniki Chem. 13, 375 (in French) (1933).—The authors obtained 2,5-dihydroxy-3,4,5,6-tetrahydropyrimidine by the condensation of 120 g. of dichloropyrimidine with 60 g. of uracil in 400 g. pyridine. The temp. was maintained at the b. p. for 1 hr. The crude product was purified by treatment with ZnCl₂, alc. and ether.
W. A. Moore

ASG-SEA METALLURGICAL LITERATURE CLASSIFICATION

TURSKI, J. S.

Turski, J. S. Czern anilinowa. Warszawa, Państwowe Wydawn. Techniczne,
1950. 91 p. (Aniline black)

SO: Monthly list of East European Accessions, LC, Vol. 3, No. 1,
Jan. 1954, Uncl.

CA

10

1,5-Diphenyl-3-methyl- and 1-[α -hydroxy- ω -carboxyphenyl]-3-methyl-5-phenyl-pyrazoline. J. & Trenet, W. Stępkowski and F. Zycmundówna. Roczniki Chem. 11, 900-14(914) in French(1931).—Interaction of benzalacetone (1) (40 g.) and phenylhydrazine (40 g.) in EtOH and 30% HCl (40 g.) during 24 hrs. gives 1,5-(or 1,3)-diphenyl-3-(or 5)-methylpyrazoline in 90 g. yield. I with 4-hydroxyphenylhydrazine-3-carboxylic acid gives 1-(α -hydroxy- ω -carboxyphenyl)-3-methyl-5-phenylpyrazoline, which does not give Knorr's pyrazoline reactions. J. WIERTEŁAK

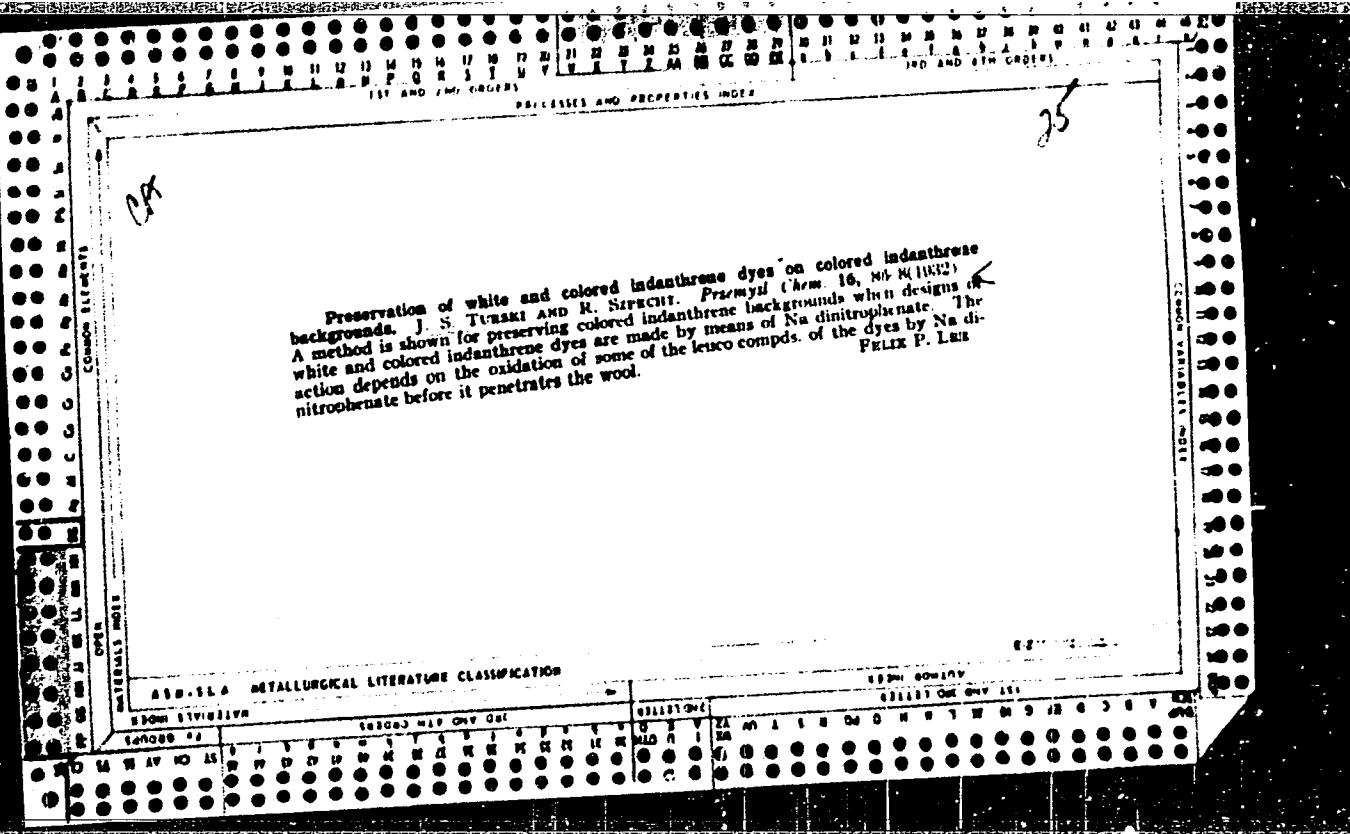
COPPER

MATERIALS

ASH-SLA METALLURGICAL LITERATURE CLASSIFICATION

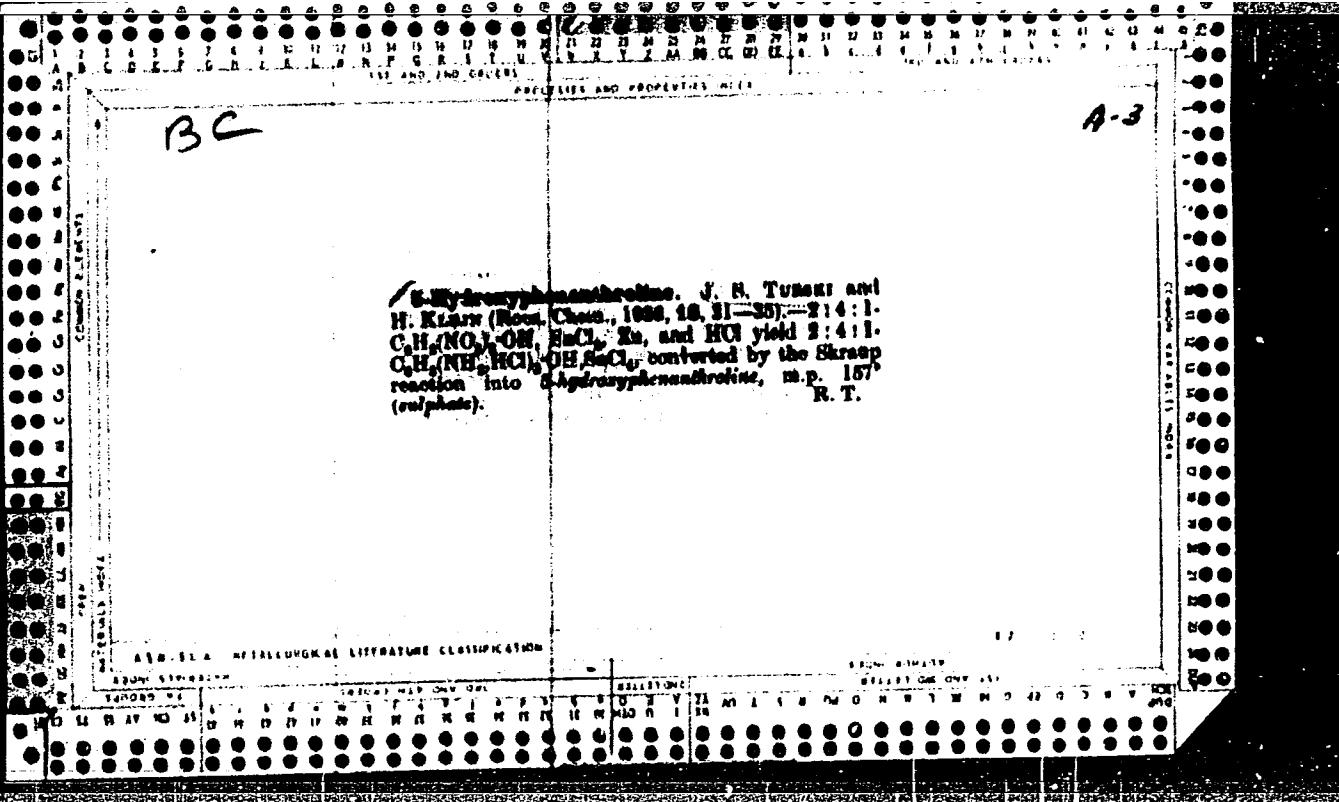
the preparation of the viologen (chloroiodohydroxy-quinoline) derivative and other quinoline derivatives of *p*-dichlorobenzene. J. S. Turski and H. Lepach. *Premysl Chem.* 22, 318-20 (1949). The method is based on the procedure used by T. Piotrowski and Winsauer for obtaining guanacol-*o*-nitrolic acid (cf. C. A. 34, 4561). The production of the iodochlorohydroxyquinoline deriv. (I) of *p*-C₆H₄Cl₂ takes place by way of *p*-dichloronitrobenzene.

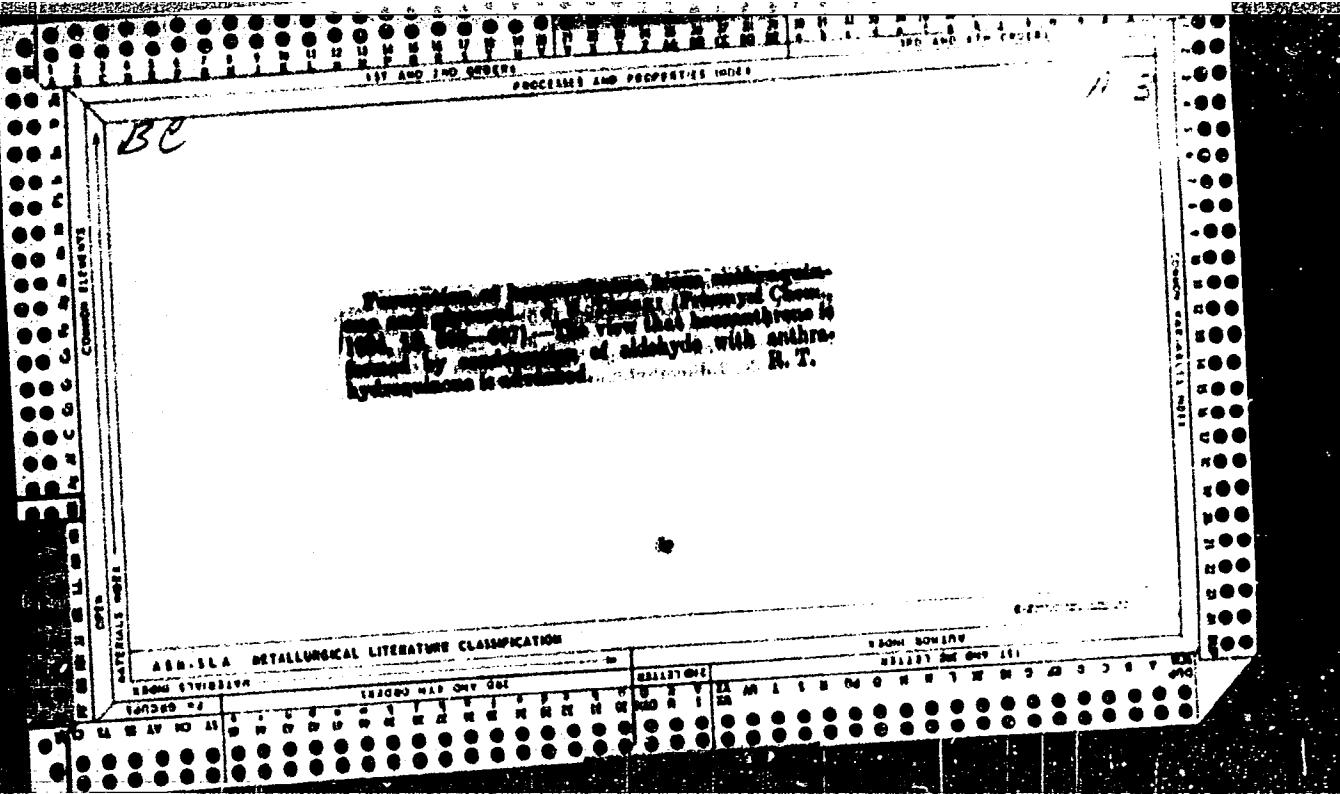
p-chloro-*o*-nitrophenol, aminochlorophenol and chlorohydroxyquinoline. In a similar way *o*-chloromethoxyquinoline (II) is obtained. In alc. 1 mol. of II yields with H₂SO₄ a modification of "quinolol" (III) (yield 95%). As a result of the action of elemental I upon II in MeOH, to which aq. Na₂CO₃ was added, iodochloromethoxyquinoline (IV) is formed; on crystn. from alc. it m. 35° Edward A. Ackermann



CA

Formation of benzanthrone from anthraquinone and
glycerol. L. S. Tsurk. Promysl Chem. 18, 165
(1931). The view that benzanthrone is formed by con-
densation of aldehyde with anthrahydroquinone is ad-
vanced. B. C. A.





RECORDED INFORMATION
PROCESSES AND PROPERTIES MODELS

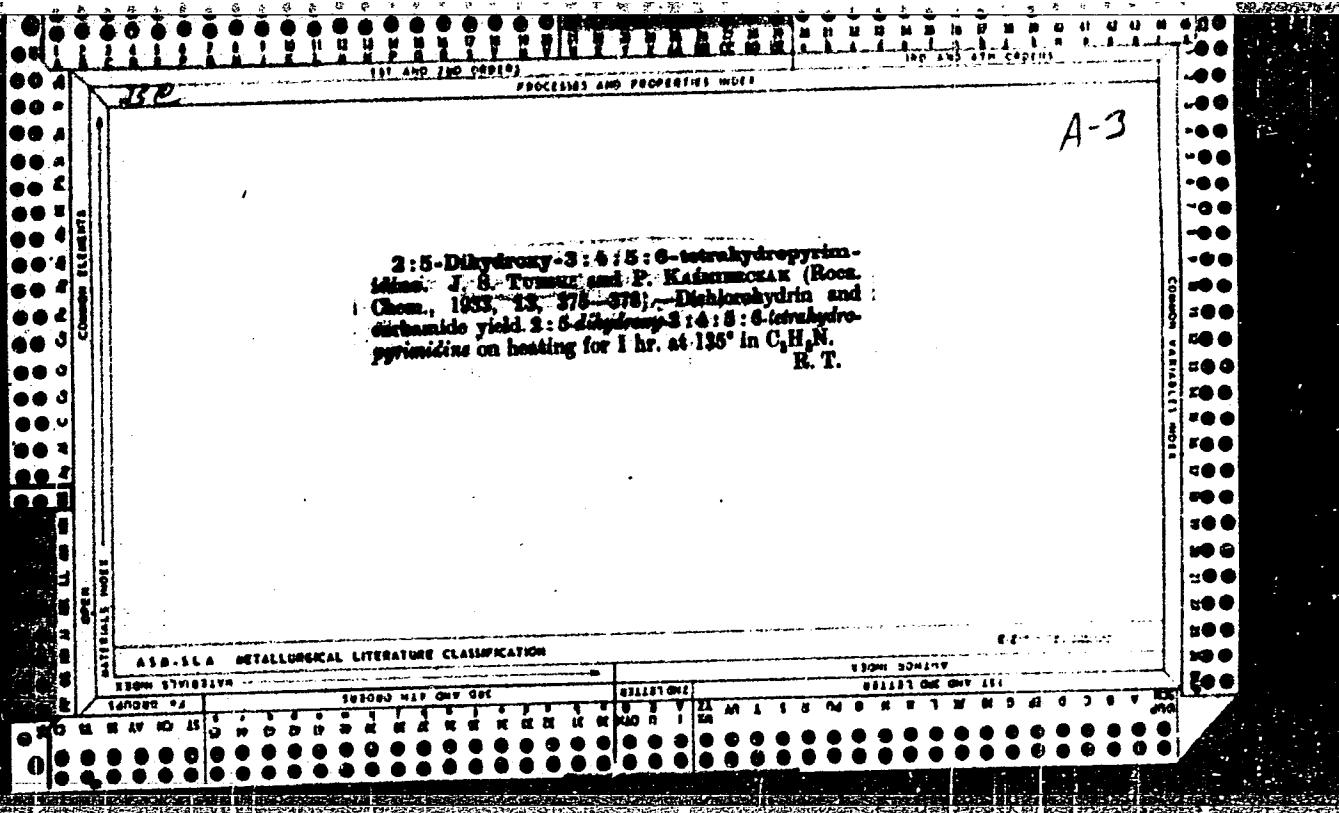
2C

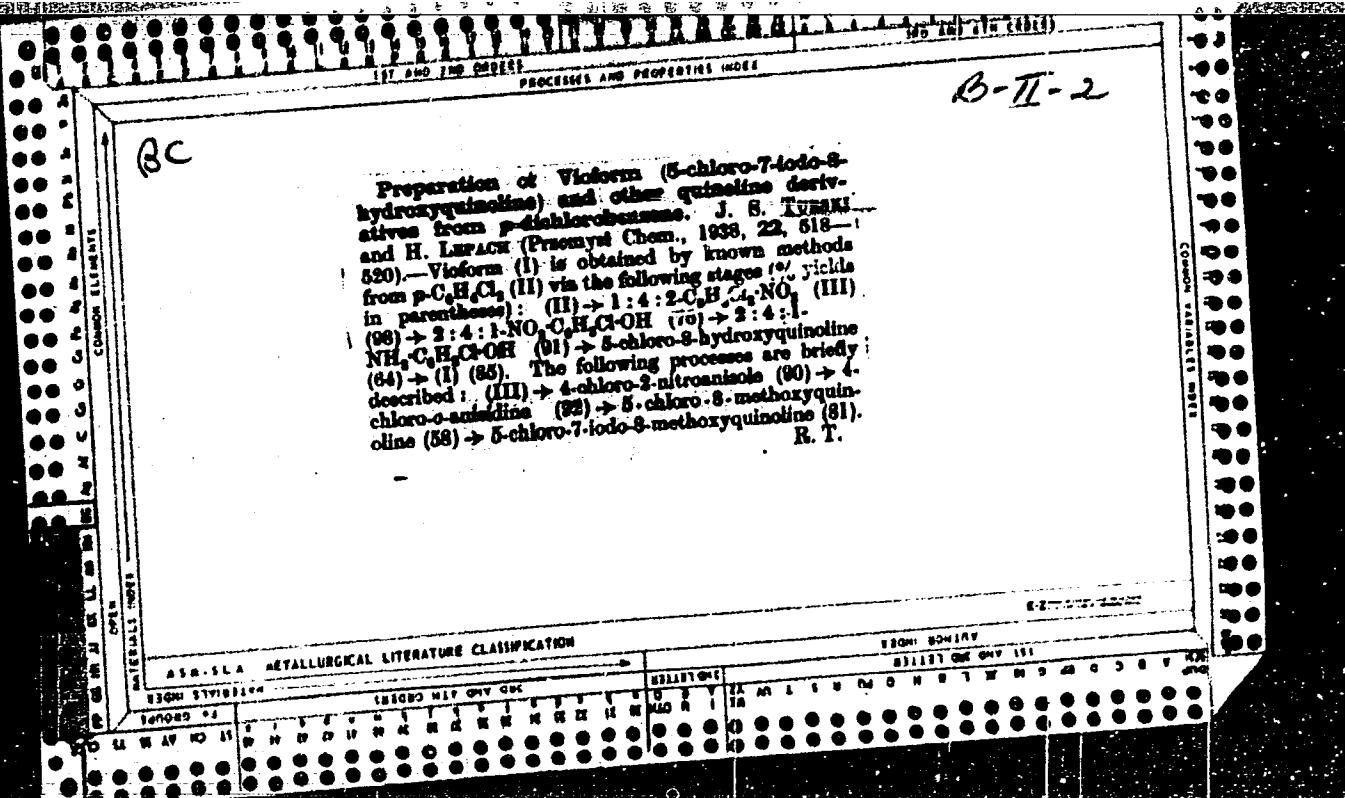
a - 3

1 : 3-Diphenyl-5-methyl- and 3-phenyl-1-(*p*-hydroxy-*m*-carboxyphenyl)-5-methyl-pyrazoline. J. S. TUMMEL, W. STEPKOWSKI, and F. SZYMUND (Recs. Chem., 1951, 11, 909-914).—1 : 3-Diphenyl-5-methyl-pyrazoline has been prepared from $\text{NH}_2\text{Ph}\cdot\text{NH}_2$ and benzoylideneacetone, whilst with 4-hydroxyphenyl-hydrazine-3-carboxylic acid, 5-(or 3)-phenyl-1-(*p*-hydroxy-*m*-carboxyphenyl)-3-(or 5)-methylpyrazoline, m. p. 212°, is obtained; this, on heating with AgOH yields a product, m. p. 248°, which does not give the pyrazoline reaction. R. STEPKOWSKI.

ASB-1A METALLURGICAL LITERATURE CLASSIFICATION

EXCERPT SUBJECTIVE	SUBJECT KEY WORDS	REFERENCE	WORD BROWNS	WORD CROWN 1st
SEARCHED	SEARCHED	SEARCHED	SEARCHED	SEARCHED
INDEXED	INDEXED	INDEXED	INDEXED	INDEXED
SERIALIZED	SERIALIZED	SERIALIZED	SERIALIZED	SERIALIZED
FILED	FILED	FILED	FILED	FILED





Turki, S.

PHASE I BOOK EXPLOITATION

POL/4355

Polskie towarzystwo matematyczne

Prace Matematyczne, Seria I, II, 2 (Mathematical Transactions, Series I, vol. II.2)
Warszawa, Państwowe wyd-wo naukowe, 1958. 195 p. Errata slip inserted.
1,000 copies printed.

Editorial Board: Włodzimierz Orlicz (Chief Ed.), Stefan Drobot (Deputy Chief Ed.),
Adam Bielecki, Stanisław Hartman, Jan Mikuński, Roman Sikorski, Marceli
Stark, Hanna Szmulskowicz, Krzysztof Tatarkiewicz, and Włodzimierz Wrona.

PURPOSE: This book is intended for mathematicians

COVERAGE: The book contains 14 articles dealing with algebra, the theory of games,
analysis, geometry, and two general mathematical topics. Summaries appear
in Russian and English. No personalities are mentioned. References accompany
individual articles.

Card 1/3

Mathematical Transactions (Cont.)

POL/4355

TABLE OF CONTENTS:

Infeld, L. (Warsaw). Importance of Modern Physics for the Development of Mathematics	201
Turski, S. (Warsaw). Mathematical Methods in Modern Engineering	217
Steinhaus H. (Wrocław). McKinsey's Book on Games	234
Sadowski, W. (Warsaw). Statistical Decision Functions and the Theory of Games	255
Straszewicz, S. (Warsaw). On the Basic Theorems in Lobachevskiy's Trigonometry	269
Wilniewczyc, R. (Wrocław). The Geometry of a Group of Affine Transformations for Which A Parabola Remains Invariant	287
Krasnodebski, R. (Wrocław). The Differential Invariants of the Curve in a Symplectic Space	299
Mrówka, S. (Warsaw). On the Topology of the Spaces of Closed Subsets	309
Mostowski, A. Włodzimierz (Warsaw). The Direct Sums of Cyclic Groups	319

Card 2/ 3

Mathematical Transactions (Cont.)

POL/4355

Meder, J. (Szczecin). Application of the Mazur Theorem on Convergence Multipliers to the Sequences Limitable by the Euler-Knopp Method	
Krzywicka, E. (Wrocław). On the Solutions of the Differential Equation $x^{(n)} + A(t)x = 0$ Satisfying the Conditions at Several Points	329
Golubiew, W. On Twin Numbers	337
Łuszczki, Z. (Wrocław). Application of the Generalized Bernstein Polynomials to the Proof of a Certain Theorem on Mixed Partial Derivatives	352
Ciesiecki, Z. (Poznań). On Some Inequalities Reports From Scientific Sessions of the Polish Mathematical Society	355
	361
	368

AVAILABLE: Library of Congress

Card 3/3

AC/dwm/ifh
10/19/60

Mathematical Reviews
Vol. 14 No. 10
Nov. 1953
Mechanics

Nowacki, W., and Turbel, St. Application of the Fourier integral to the theory of orthotropic plates. Arch. Mc. Appl. Gdańsk 3, 89-97 (1951). (Polish. Russian summary)

The author considers a composite plate, infinite in the y direction. The supports are parallel to the y -axis dividing the plate into parallel strips, each having different elastic properties. The plate is orthotropic which means that the elastic constants (elasticity modulus and Poisson ratio) are different in x and y directions. The loads act along a finite line parallel to the y -axis and symmetrical with respect to the x -axis. The differential equation for plates of this kind was derived by T. Huber [La théorie générale des hourdis en béton armé, Lwow, 1914]. The author expresses the loads and the moments on the supports in the form of Fourier integrals; from the conditions of continuity on the supports he obtains a three-moment equation similar to the three-moment equation for continuous beams, and solves the problem, which means find the deflections. The total deflection is obtained by superposition of the deflection due to the load and the deflections due to the moments on the supports. A special case when one strip of an infinite plate is fixed at the edges and loaded by a concentrated force is obtained by substituting in general formulas the given conditions. It is compared with the solution of A. Nádai [Bauingenieur 2, 299-304 (1921), p. 301]. Nádai solved this particular problem in a different way and both solutions agree.

T. Leser (Lexington, Ky.).

TURSKI, S.

Studium nad Stanem Napięcia w
Ciałach Sprzęzystych i Elastycznych (A
Study of States of Stress in Inhomog-
eneous Bodies), J. Nowak and S.
Turki, *Arch. Mech. Stosow.* (Wau-
saw), No. 3, 1953, p. 307, 11 refs. In
Polish; abridged in English and Russian.
Investigation of bending, torsion, and
other problems of beams and plates char-
acterized by "continuous inhomogeneity"

TURSKI, STANISLAW

72

2

AS 477 1977

generality and present a more general theory. They consider only prismatic or cylindrical bars with longitudinal elements parallel to the axis of the beam where all normal cross-sections are equal. The z-axis is parallel to the beam axis, the x-axis is assumed to be perpendicular to normal cross-sections. The y-axis is assumed to be perpendicular to longitudinal sections. The authors assume that the beam is made of a homogeneous material satisfying the conditions of Young's modulus, E , and Poisson's ratio, ν .

They define a reduced section modulus and a reduced moment of inertia. The considerations of strain energy show that variational principle can be easily applied. The authors give an example of Lanchester's problem in the form of an application to a problem of a beam with a variable cross-section. The application of the variational principle to the problem of a beam with a variable cross-section is also given. The method of pure bending is also considered. The method of pure bending is also considered. The method of pure bending is also considered.

TURSKI, Wladyslaw

[REDACTED]
Possibilities of using digital computers in astronomy. Postepy
astronom 11 no.2:147-159 '63.

TURSKIY, A.A.; KHOKHLOV, V.V.

Spectral determination of the composition of granites and ilmenite,
having a small quantity of the initial material. Izv. vys.
ucheb. zav.; geol. i razv. 4 no.3:131-134 Mr '61.
(MIRA 14:6)

1. Leningradskiy gornyy institut imeni G.V.Plekhanova.
(Ilmenite—Spectra) (Granite—Spectra)

TURSKIY, M. K.

536 Lesovodstvo. (Biogr. ocherk. i red. G. R. Etingena). Izd
6-e sokr. m., sel'khozgrz. 1954. 352 s. s ill.; 5 l. ill.
21sm. 20.000 ekz. 7 r. 75k. V per- "Trudy M. K. Turskogo".
"Rabory, Vypolnenyye pod rukovod. M. K. Turskogo"
Literatura o M. K. Turskom. s. 344-48- (54-54403)
634.9 (012 Turskiy + 016.3) 4kn. let. no 1.

SO: Knizhnaya Letopis, Vol 1, 1955

TURSKIY, MITROFAN KUZ'MICH.

Lesovodstvo (Forestry) Izd. 61, sokrashchennoye. Moskva,
Sel'khozgiz, 1954.

351 p. illus.

Bibliography: p. 344-348.

1/5

632.7

.T9

1954

YAKUBOVSKIY, B.V., prof.; TURSKIY, P.V., red.; KOSTINA, A.V., tekhn.red.

[Precast reinforced concrete in modern construction] Sbornyi
zhelezobeton v sovremennom stroitel'stve. Kuibyshev, TSentr.
biuro tekhn.informatsii, 1959. 41 p. (MIRA 13:6)

1. Kuybyshevskiy inzhenerno-stroitel'nyy institut (for Yakubovskiy).
(Precast concrete)

PYT'YEV, Petr Yakovlevich; TRAKHTENBERG, B.F., kand. tekhn. nauk,
dots., retsenzent; RAZUMIKHIN, M.I., kand. tekhn.nauk,
prof., red.; TURSKII, P.V., red.; MIKHEYEV, N.I., red.;
VAKULOVSKAYA, T.N., tekhn. red.

[Simplified sheet bolster plate for cold die stamping]
Listovye uproshchennye podkladnye shtampy dlia kholodnoi
shtampovki. Kuibyshev, Kuibyshevskoe knizhnoe izd-vo,
(MIRA 17:2)
1963. 133 p.

ADAYEV, V.P., inzh.; TURSKIY, P.V., red.; ANTONOV, V.P., tekhn.red.

[Precast reinforced-concrete and composite roofs of apartment houses] Sbornye zhelezobetonnye i sovmeshchennye kryshi shilykh domov. Kuibyshev, Tsentr.biuro tekhn.informatsii,
1959. 14 p. (Apartment houses) (Roofing, Concrete) (MIRA 14:1)

TURSKIY, P.V.

In the Kuybyshev Economic Council. Biul.tek...-ekon.inform.Gos...-
nauch.-issl.inst.nauch.i tekhn.inform. no.3;77 '62. (MIRA 15:5)
(Kuybyshev Province--Oil reservoir engineering)

TURSKI, Wladyslaw

The West Ford Project. Postepy astronom 10 no.2:125-131
'62.

TURSKI, W.

On a certain hypothesis concerning the origin of lunar seas. Postepy
astronom 10 no.4:355-358 O-D '62.

TURSKI, W.

On studies of the genetics and dynamic structure of a swarm
of meteors with the use of the electronic digital calculating
machine. Postepy astronom 10 no.2:159 '62.

TURSKIY, V.S.

Trajectories of collision and capture in the problem of three
points. Soob. GAISH no.114:13-32 '61. (MIRA 14:3)
(Problem of three bodies)

32373
S/124/61/000/012/003/038
D237/D304

10 5100

AUTHOR:

TITLE:

PERIODICAL:

Tur'skiy, V. S.
On the problem of collision and capture
trajectories in the three-body problem
Referativnyy zhurnal, Mekhanika, no. 12, 1961,
8, abstract 12A60 (Soobshch. Gos. astron. in-
ta im. P. K. Shternberga, 1961, no. 114, 13-32) X

TEXT: The problem considered is that of constructing a tra-
jectory for a direct moon-hit and for establishing an artificial
satellite of the moon. Levi-Civita's analytical relations, ex-
pressed as series in powers of distance from the point of colli-
sion, are used for determining the conditions for a direct hit.
In the problem of establishing an artificial satellite of the
moon, approximate results obtained by V. A. Yegorov and others
on the hyperbolic character of the velocity of the entry into
the circular orbit around the moon are verified, and the question

Card 1/2

32373
S/124/61/000/012/003/038
D237/D304

On the problem of...

is discussed of the possibility of changes of that velocity in
the case of recurrent approaches of the perturbed trajectory to
the moon. Abstracter's note: Complete translation. X

Card 2/2

TURSKI, Wladyslaw, dr

Electronic computers in Western Europe. Problemy 20 no. 9:
569 '64.

TURSKI, Wladyslaw, dr

Electronic computers. Problemy 20 no. 6: 329-338 '64.

1. Head, Laboratory of Numerical Methods of Astronomy of
the Calculation Center, Polish Academy of Sciences,
Warsaw.

TURSKI, W.

Remarks in connection with the symposium on automation of
astronomical measurements. Postepy astronom 13 no.1:49-
55 Ja-Mr '65.

"APPROVED FOR RELEASE: 04/03/2001

CIA-RDP86-00513R001757610012-1

TURSKIN W T

APPROVED FOR RELEASE: 04/03/2001

CIA-RDP86-00513R001757610012-1"

TURSKIY, Yu. I.

AUTHORS: Sablina, Z.A., Rozhkov, I.V., Gureyev, A.A., Kornilova, E.N., and Turskiy, Yu. I.

65-6-10/13

TITLE: Phenols from processing Charemkhovsk coals as antioxidants for fuels. (Fenoly pererabotki cheremkhovskikh ugley kak antiokisliteli dlya topliv).

PERIODICAL: "Khimiya i Tekhnologiya Topliva i Masel" (Chemistry and Technology of Fuels and Lubricants) 1957, No.6, pp.58-62

ABSTRACT: Oxidation inhibiting properties of phenols obtained during semicoking of the Cheremkhovsk coals were investigated. Numerous samples of phenols were tested, but the results for three most effective samples are given: 1) phenols separated from spent ammonia liquor, by solvent extraction (the method is not given) and distilled in vacuo; 2) individual fractions of these phenols (the composition - table 1), and 3) some phenolic fractions separated from tar (e.g., fraction boiling 240-330 C). Oxidation inhibiting properties of phenols were tested by rapid oxidation of samples of various fuels (containing components obtained by thermal cracking) inhibited with the antioxidants investigated in comparison Card 1/2 with the same fuels containing already known inhibitors.

Phenols from processing Cheremkhovsk coals as antioxidants
for fuels. (Cont.)

65-6-10/13

Experimental results are given in tables 2-7 and figs. 1-3. It was established that the above samples of phenols are efficient antioxidants for various kinds of fuels containing unsaturated hydrocarbons. They are considerably better than antioxidants made from wood tar and their efficiency is comparable with that of synthetic antioxidants (p-oxydiphenylamine, ionol). The most effective of the samples investigated is the fraction of diphenols isolated from spent ammonia liquor. For practical applications phenols recovered from spent ammonia liquor (ϕ_4 -16) and phenols from tar fraction boiling at 240-330 C (ϕ_4 -4) are recommended.

There are 7 tables and 3 figures.

ASSOCIATION: NII GSM and VNII NP.

AVAILABLE:

Card 2/2

TURSKIY, Yu.I.; BRIK, A.N.; KUNIN, A.M.; GAL'PERN, Ye.M.

Determination of small quantities of butyl acetate in water.
(MIRA 19:10)
Gaz.prom. no.9:11-13 S '57.
(Acetates--Analysis) (Water--Analysis)

TURSKIY, Yu.

TURSKIY, Yu.I.; SEMENOV, S.S.; SOKOLOV, A.D.; SLOBODCHIKOV, B.D.

Dephenolization of waste water in East European countries. Gaz. prom.
no. 2:54-56 F '58. (MIRA 11:2)
(Europe, Eastern--Sewage--Purification) (Phenols)

AUTHORS: Mazov, A. V. Turskiy, Yu. I. and Danchenko, L. Ye.

TITLE: Separation of Phenols from Tar Fractions with Aqueous Solutions of Methanol (Izvlecheniye fenolov iz smolyanykh fraktsiy vodnymi rastvorami metanola)

PERIODICAL: Khimiya i Tekhnologiya Topliv i Masel, 1958, Nr 10, pp 44 - 49 (USSR)

ABSTRACT: Separation of phenols is at present carried out with the aid of selective solvents. The authors give a brief review of the use of selective solvents since 1903 (Refs. 1 - 9). In 1954 pilot plant experiments were made on the separation of phenols with methanol; the lay-out of the pilot plant is shown in a Figure. The fraction was diluted with petroleum ether and the extraction carried out on a 75 mm diameter and 7.8 m high column, two sections of which were filled with 8 x 8 mm Raschig rings. The mixture of the fraction with petroleum ether was led into the lower part of the column through a jet with a 2 to 2.5 mm diameter nozzle. The following fractions were tested: the fraction 160 to 210°C and 210 to 320°C obtained during the semi-coking of Cherkashovsk coal; the 150 to 260°C fraction of tar obtained

Card 1/4

SOY/65-58-10-10/15

Separation of Phenols from Tar Fractions with Aqueous Solutions of
Methanol

during the gasification of brown coal; the fraction 190 to 300°C of tar obtained during the processing of peat. Characteristics of these fractions are given in Table 1. Optimal conditions for the separation of phenols from various types of raw material are shown in Table 2. Continuous work on the column could be carried out for 10 to 30 days. A considerable part of the neutral compounds is separated from the methanol extract by washing the same with petroleum ether in a separate extraction column. Table 3: the content of neutral compounds in extracts separated with methanol from various tar fractions before and after washing with petroleum ether. These neutral substances consisted of more than 90% of oxygen-containing compounds, the composition of which was determined by chromatography. 92.5% phenols and about 0.4% hydrocarbons were separated from the 210 to 320°C-fraction. Practically complete separation of the asphaltenes was achieved. Most of the organic bases contained in the fractions passed into the methanol extract. 43% of the organic bases were separated with methanol from the

Card 2/4

SOV/65-58-10-10/15
Separation of Phenols from Tar Fractions with Aqueous Solutions of
Methanol

160 to 210°C fraction of the middle oil obtained during the semi-coking of Cheremkhovsk coal, and 22% of organic bases from the 210 to 320°C fraction of the same oil. The experiment also proved that the residual content of phenols in the raffinate can be decreased to 0.9 - 1.2%. Part of the water remained in the extract and the moisture content of crude phenols was 12 to 16%. Yields and properties of the phenols are given in Table 4. Results obtained during the separation of phenols by the distillation of low-boiling fractions (Table 5) can be considered satisfactory. The neutral compounds are concentrated in the high-boiling fractions and the residue, therefore, contains high-quality fractions. The xylene fraction, which contains the highest quantity of neutral compounds, can be used

Card 3/4

SOV/65-58-10-10/15

Separation of Phenols from Tar Fractions with Aqueous Solutions of Methanol

during the manufacture of adhesives. There are 5 Tables, 1 Figure and 10 References: 6 Soviet, 2 English and 2 German.

ASSOCIATION: VNII NP

VNIIPetroGaz + Petroleum and obtaining Synthetic
Liquid Fuels

Card 4/4

SOV/65-58-12-9/16

AUTHOR: Turskii, Yu. I.
TITLE: Semi-Coking of Coal Fines in a Fluidised Bed (Polu-koksovaniye ugol'noy melochi v podvizhnym sloye)
PERIODICAL: Khimiya i Tekhnologiya Topliv i Masel, 1958, Nr 12,
pp 41 - 46 (USSR)

ABSTRACT: Fine-grained fuels have to be used during investigations on intensifying the semi-coking process. No suitable industrial kilns are available at present. Previous experiments on processing coal fines in a non-fluidised & a pseudo-fluidised bed, & by obtaining suspensions of the solid particles, are reviewed (Refs 1 - 6). Experiments on the semi-coking of coal from the Southern Urals in the kiln M-1 (Table 1) were unsatisfactory. This kiln comprised a cylindrical shaft with a conically-shaped base. The residence time for the particles in the kiln would, on the average, have to be 40 minutes during a continuous semi-coking process instead of 10 minutes during a batch semi-coking. In the kiln M-2, the reaction space is divided into several sections which reduces the mixing of the materials in the kiln. Results of tests in this kiln, when using the same coal as in the previous experiment, are given in Table 2. The required quantity of volatile

Card 1/2

SOV/65-58-12-9/16

Semi-Coking of Coal Fines in a Fluidised Bed

substances in the semi-coke can be obtained after a residence time of 10 minutes. Best results were achieved with a kiln which had right-angle cross-section (M-3) and transverse partitions. Mixing of the starting material and the end product is omitted, and the process of pseudo-fluidisation of the fine-grained materials can be applied. The construction of the kiln guarantees the required residence time of the coal in the kiln at a linear transport velocity of the particles of not less than 8 m/hour.

There are 3 tables, 3 figures and 6 references, 2 of which are Soviet, 3 English and 1 German.

ASSOCIATION: VNII NP

Card 2/2

ZIMINA, K.L.; TURSKIY, Yu.I.; BOGINA, N.S.; KURNAZOV, Ye.V.; ANDREYEV, M.V.

Determining the sulfur content in lubricants on the basis of infrared absorption spectra. Neftepar. i nafttekhim. no.3+12-19-165. (MIRA 165)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut po prerabotke nefti i gazu i polucheniyu iskusstvennogo zhidkogo topiva.

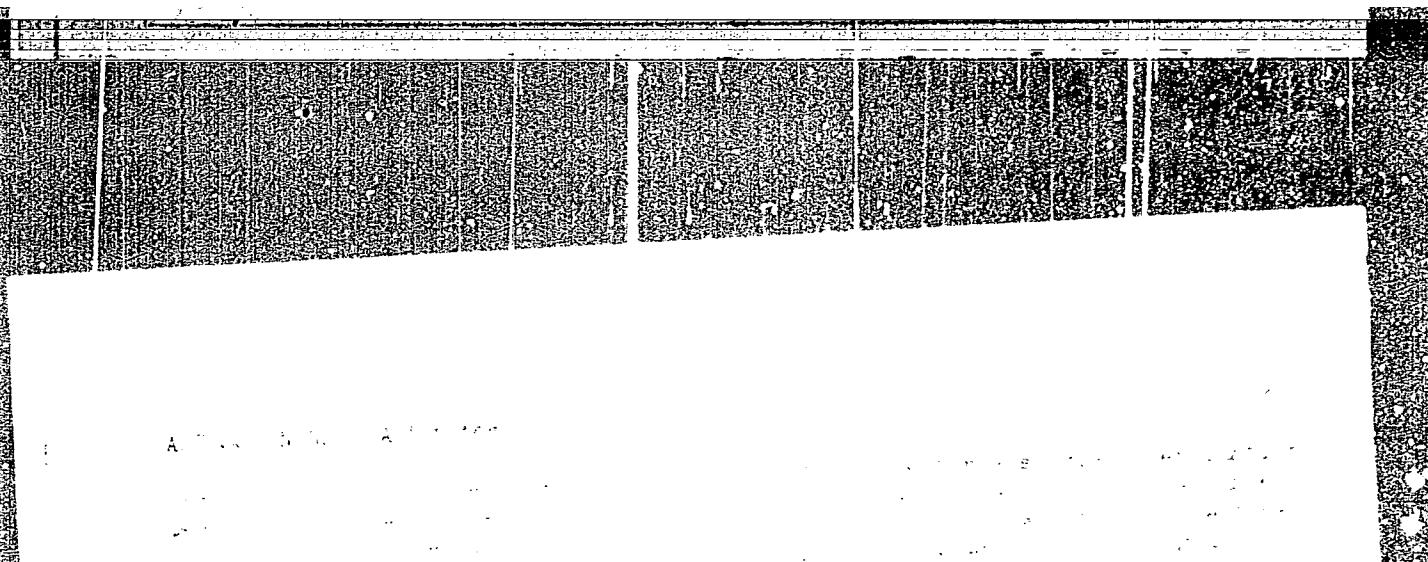
AUTHORS: Zimina, K. I.; Turskii, Yu. I.; Sosina, N. S.; Kurnos, Yu. V.; Artem, M. V.

TOPIC TAGS: IR absorption spectrum, spectrometry, additive, oil / IR 1C spectrometer

ABSTRACT: Ionol, widely used as a stabilizer in motor oils, is manufactured in different countries with varying degrees of purity. Because ionol cannot react with organic acids, it is difficult to determine its quality by conventional methods.

"APPROVED FOR RELEASE: 04/03/2001

CIA-RDP86-00513R001757610012-1



APPROVED FOR RELEASE: 04/03/2001

CIA-RDP86-00513R001757610012-1"

"APPROVED FOR RELEASE: 04/03/2001

CIA-RDP86-00513R001757610012-1

AIR FORCE NATION

SUBJ:

NO REF Sov: 061

OTHER: 000

APPROVED FOR RELEASE: 04/03/2001

CIA-RDP86-00513R001757610012-1"

ZUBKOVA, N.D.; TURSKY, Yu.I.; GENKINA, V.I.; KLYUCHKO, G.V.

Determining the antioxidative additives in lubricants by
thin-layer chromatography. Khim. i tekhn. topl i massel 9
no.8;60-65 Ag '64.

6/(MIRA 17:10)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut po pererabotke
nefti i gazov i polucheniyu iskusstvennogo zhidkogo topliva.

TURSKIY, Yuzef [Turki, J.], general brigady

Patriots of people's Poland. Voen. znan. 37 no.9:20-21 5 '61.
(MIRA 14:9)

1. Predsedatel' glavnogo pravleniya ligi druzey soldata.
(Poland--Military education)

TURSKIY, Ya. [Turški, Josef]; STEGANTSEV, M.V. [translator]

[We number a million. Translated from the Polish] Nas million.
Moskva, Izd-vo DOSAAF, 1959. 69 p. (MIRA 14:7)
(Military education)

24358

S/035/61/000/007/004/021
A001/A101

3.9900

AUTHOR: Turskiy, V.S.

TITLE: The problem of trajectories of collision and capture in the three-point problem

PERIODICAL: Referativnyy zhurnal. Astronomiya i Geodeziya, no. 7, 1961, 4, abstract 7A50 ("Soobshch. Gos. astron. in-ta im. P.K. Shternberga", no. 114, 13 - 32)

TEXT: The author considers the problems of plotting the trajectory of hitting the Moon and the trajectory for creation of an artificial lunar satellite. In determining conditions of hitting, he uses relations found by Levi-Civita which represent series in powers of distance to the collision point. In considering the problem of creating an artificial satellite of the Moon, approximate results of V.A. Yegorov and other authors on hyperbolic type of the selenocentrical entrance velocity are confirmed; on the other hand, the question is discussed on a possible change in the type of this velocity in the case of repeated approaches of the perturbed trajectory with the Moon.

G. Merman

[Abstracter's note: Complete translation]

Card 1/1

TURSKIY, Yu.I.; MAZOV, A.V.; SAMOLOVA, L.Ye.

Colorimetric determination of the tar content of waste
waters from gas producing plants. Gaz.prom. 4 no.10:20-22
0 '59. (MIRA 13:2)
(Coal tar) (Sewage--Analysis)

Tur'skiy, Yu.I.

2 (2)
 Authors:
 Maslakov, A. V., Lazarev, N. M.,
 Gotsman, Yu. M., Andrianov, S. P.,
 Litvin, L. P., Tur'skiy, Yu. I., Masov, A. V., Smolova, Z. Ye.
 Title:
 News in Brief

BOV/32-22-8-15/44
 1959/25, Vol. 25, No. 4, pp. 934 - 935

7
 PERIODICAL:
 Sovetskaya Laboratoriya, 1959, Vol. 25, No. 4, pp. 934 - 935

ABSTRACT:
 A. V. Maslakov reports that the Institute prepared test samples containing several rare elements. For the preparation they used a copper-nickel ore (0.0005% Cu, 0.001% Ni, 0.0005% Co) and metallurgical lead dust (0.0005% Cu, 0.03% Pb, 0.0005% Co, and 0.0005% Ge). The composition of the test samples was determined by three institutes. N. M. Lazarev (Laboratory for the determination of chlorine in the alloy M-2 by a reaction with potassium ferricyanide using a photometer FKM-2) describes a method for the non-destructive analysis of low alloy steel 15Kh12NAP for the determination of carbides of manganese, chromium, molybdenum, and vanadium. The analysis can be made without preparation of a sample by potentiometry directly on the surface of the samples investigated.

7
 Investigated: N. I. Andreev and L. P. Litvin describe a rapid method for the determination of the relation tin : lead in casting at the test of electroplating baths. An electrolyte is made on a weighed steel leaf. An electrolyte of tin sulphate acid is detached and after separation of the tin, the lead is titrated with titrion 2. No. 1. Method for determination of the contents of water-soluble organic plants, which is based on the extraction of the resins with chloroform from the alkaline liquid (to form water-soluble phosphate). The chloroform extract is subjected to colorimetry (TOMAC).

ASSOCIATION:
 Vsesoyuznyy nauchno-issledovatel'stvennyy gornozavodsko-trekhskifitovyy institut imeni M. V. Lomonosova (All-Union Scientific Mine-research Institute of Three-shaft Mines). Laboratory of metallurgical processes (Metallurgical Laboratory of the Gorskovozernevoe, No. 1 Polytechnic Institute named Nikita Po Pereslavl'e, Gorskovozernevoe Scientific Research Institute for the Processing of Petroleum and Production of Synthetic Liquid Fuels and Oils).

Case 1/2

Case 2/2

"APPROVED FOR RELEASE: 04/03/2001

CIA-RDP86-00513R001757610012-1

FILIPPOV, I.V.; TURSKIY, Yu.I.

Effect of various factors on butyl acetate extraction of phenols
from tar water. Gaz.prom. no.12:19-23 D '58. (MIRA 11:12)
(Phenols) (Extraction (Chemistry))

APPROVED FOR RELEASE: 04/03/2001

CIA-RDP86-00513R001757610012-1"

TURSKIY, Yu.I.

Semicoking of coal fines in a fluidized bed. Khim. i tekhn. tepl. i
masel 3 no.12:41-46 D '58. (MIRA 11:12)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut neftyanoy
promyshlennosti.
(Coal--Carbonization)

TURSKOV, Ye.A.

Making reinforced concrete supports. Avtom., telem. i sviaz' no.3:
29-30 Mr '57.
(MLRA 10:4)

1. Nachal'nik Rzhevskoy distantsii signalizatsii i svyazi Kalinin-
skoy dorogi.
(Reinforced concrete) (Railroads--Signaling)

AUTHOR: Tursky, Józef (Turskiy, Yuzef) Chairman SOV-107-38-4-5/5-

TITLE: Cordial Wishes to Radio Amateurs (Seredchnyy privet radio-lyubitelyam)

PERIODICAL: Radic, 1958, Nr 4, p 6 (USSR)

ABSTRACT: The author discusses the state of amateur radio activities in Poland, where radio amateurs take part in all-Polish, international and Poland-Czechoslovakia contests.

ASSOCIATION: Glavnoye pravleniye Ligi druzey soldata Pol'skoy Narodnoy Respubliky (The Main Administration of the League of Soldiers' Friends of the Polish People's Republic)

1. Radio--Poland 2. Radio operators--Training

Card 1/1

CZECHOSLOVAKIA / Human and Animal Physiology (Normal and Pathological). Metabolism.

T-3

Abs Jour : Ref Zhur - Biologiya, No 13, 1958, No. 60091

Author : Sedlak, J.; Tursky, T.

Inst : Not given

Title : Vitamin B₆ in the Brain. Changes in Vitamin B₆ Content in the Brain, Liver and Heart Muscle of Rats in the Process of Ontogenesis

Orig Pub : Biologia, 1957, 12, No 3, 210-216

Abstract : In the process of ontogenesis (from the second to the 75th day of postembryonic life), a considerable increase of vitamin B₆ was found in the brain of the rats; there was practically no change in the B₆ content in the liver and heart muscle.

Card 1/1